

## Planting manual Groasis Waterboxx® plant cocoon





 DAY 1: Make the planting hole 15 cm (6 inches) deep do not dig deeper leave the capillary canal structure below it intact



2. DAY 1: Put 40 liters (10 gallons) of water if the soil has no water holding capacity put 20 liters if it has



3. **DAY 2**: Open the soil - approximately 3 cm deep - to let oxygen enter



4. After a few hours you can start to plant



5. Put the wick in from the inside and pull it with a pliers



6. The wick is placed well alongside of the opening



7. Put the two upstanding edges in the openings of the lips



8. Put the two siphons and click them thoroughly



9. The Groasis Waterboxx<sup>®</sup> is ready to plant



10. The roots grow around in the bag or in the pot. Round growing roots do not grow down.



11. Therefore, cut 5 cm (2 inches) from the bottom of the bag including the round growing roots



12. Now you have created a vertically downwards growing primary root



13. Three months after planting the primary root resprouts



14. Over 20 new vertically downwards growing primary roots will grow to over 50 meter (150 Ft) deep



15. You cut the bag carefully in the length



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16. Put the anti-evaporation cover in an east-west direction



17. Determine the design of planting distance in an east-west direction



18. You place the tree with the bag then take the bag off



19. While planting take the plastic off



 You put the roots of the plants all the way in the sand – on this photo they are planted above the sand, that is wrong



 You cover the plants with sand – place the anti-evaporation cover - do not use your foot to compact the soil you do that with water later on



22. Add 10 cm (4 inches) of soil only on the anti-evaporation cover before placing the Waterboxx<sup>®</sup>



23. Then you place the Groasis Waterboxx<sup>®</sup> over the trees



24. Put sand around the box



25. Put the overflow just above the soil



26. Make the soil loose around the box to kill grass and lock up capillary water



27. If you have stones available, cover the ground



28. Then you start to give water



29. Indirectly pour 4 liters (1 gallon) of water into the center opening. Do not erode the soil at the roots of the trees by pouring water directly on it.



30. Then fill the Groasis Waterboxx<sup>®</sup> with 16 liters (4 gallons) of water



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31. Close the cap. The trees can start to grow



 Use the Groasis Growsafe plant protector against heat, frost, wind, sandstorms and grazing animals



33. With the Groasis Terracedixx you can make 15,000 meters of mini-terraces per hour. The infiltration of rain on eroded soil will rise from 25% to 90%



34. With the Groasis Capillary drill you can make 120 planting holes per hour, in any (rocky) soil, while keeping the valuable capillary system of the soil intact



35. With the Groasis Capillary drill hanging in a crane, you can make planting holes aside of roads, on viaducts, or other difficult to reach places



- 36. Once the twigs start to grow fast, it is a sign that the roots are deep enough and have found moisture. The tree no longer needs the Waterboxx. You can remove it by lifting it.
- 37. Every growing season you should take out the wick, wash in a washing machine at + 40°C with detergent, then rinse well, and reinstall.

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Planting instructions online